

0010

OIPE  
MAR 29 2002

**FROMMER LAWRENCE & HAUG LLP**

745 Fifth Avenue  
New York, New York 10151  
Telephone: (212) 588-0800  
Facsimile: (212) 588-0500  
E-mail: Firm@flhlaw.com

**FACSIMILE COVER LETTER**

**To:** OIPE  
**Firm:** United States Patent and Trademark Office  
**Facsimile:** 703-746-4060  
**From:** Ronald R. Santucci  
**Date:** March 29, 2002  
**Re:** U.S. Patent Appln. Serial No. 10/016,724  
Our Ref.: 930007-2001  
**Number of Pages:** 17  
(including cover page)  
**cc:**

---

If you do not receive all pages or are unable to read the transmission, please call and ask for Laura Young (Ext. 2173).

---

**CONFIDENTIALITY NOTICE**

The documents accompanying this transmission contain confidential information intended for a specific individual and purpose. The information is private, and is legally protected by law. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or the taking of any action in reliance on the contents of this facsimile is strictly prohibited.

Document5

PATENT  
930007-2001

MAR 29 2002

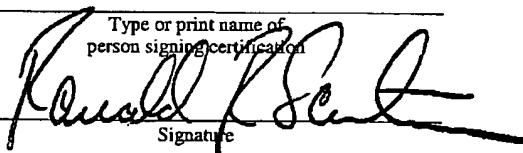
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Trent W. Davis and Mary M. Toney  
Serial No. : 10/016,724  
For : END PORTION FOR A FLEXIBLE FLUID  
CONTAINMENT VESSEL AND A METHOD OF  
MAKING THE SAME  
Filed : October 30, 2001  
Examiner : Not Yet Assigned  
Art Unit : 3727

745 Fifth Avenue  
New York, NY 10151FACSIMILE

I hereby certify that this paper is being facsimile transmitted  
to the Patent and Trademark Office on the date shown below.

Ronald R. Santucci

Type or print name of  
person signing certification

Signature

March 29, 2002

Date of Signature

RESPONSE TO REQUEST FOR SUBSTITUTE PAPERSAssistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

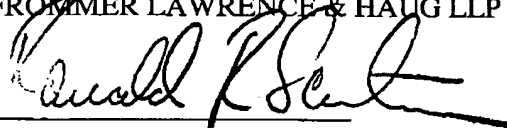
In response to the Request for Substitute Papers mailed March 20, 2002 for the  
above referenced patent application, Applicants attach a complete and accurate copy of the

PATENT  
930007-2001

papers originally filed on February 19, 2002 (certificate of mailing January 28, 2002) as well as a signed Request for Substitute Papers.

Respectfully submitted,  
FROMMER LAWRENCE & HAUG LLP

By:



Ronald R. Santucci  
Reg. No. 28,988  
(212) 588-0800



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

MAR 29 2002

Application Number	Filing Date	First Named Applicant	Atty. Docket No.
10/016,724	10/30/2001	Davis, Trent	930007-2001

20999

FROMMER LAWRENCE & HAUG  
745 FIFTH AVENUE- 10TH FL.  
NEW YORK NY 10151

DOCKETED

Title: End portion for a flexible fluid containment vessel and a method of making the same

Date Mailed: 03/20/2002

## Request for Substitute Papers

The papers filed on 02/19/02 (certificate of mailing dated 01/28/02) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated **703-746-4060(OIPE)**.

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: **Box Duplicate OIPE**, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely replay to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. **A copy of this notice should be included with the reply.**

The enclosed papers are a complete and accurate copy of the above-identified papers

Name: Ronald R. Santoro Registration No.: 28,988

Signature: Ronald R. Santoro Date: March 29, 2002

FROMMER, LAWRENCE  
& HAUG, LLP  
MAR 25 4 43

OIPF  
MAR 29 2002Just Class  
Mail  
1/28/02

Serial No. 10/0106724 File No. 930007-2001 By EP

Title In the Matter of the Application of DAVIS et al

The following due 3/17/02 in the U.S. Patent Office, was received in the Patent Office

<input type="checkbox"/> Affidavit	<input type="checkbox"/> Declaration	<input type="checkbox"/> Express Mail Mailing Certificate (separate sheet)	<input checked="" type="checkbox"/> Check No. <u>19596</u> for \$ <u>170.00</u>
<input type="checkbox"/> Amendment	<input type="checkbox"/> Preliminary Amendment	<input checked="" type="checkbox"/> Deposit Account Order Form	<input checked="" type="checkbox"/> Drawing <u>2</u> Sheet(s)
<input type="checkbox"/> Request for Extension of Time	<input type="checkbox"/> Provisional Patent Application	<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> PTO Form 1449
<input type="checkbox"/> Application for Patent, including	<input type="checkbox"/> Pages Specification <u>1</u> Claims	<input type="checkbox"/> Issue Fee Transmittal	<input type="checkbox"/> Brief
<input checked="" type="checkbox"/> Declaration <u>1</u> Oath <u>1</u> Power	<input type="checkbox"/> Request for Filing Continuation or Divisional	<input type="checkbox"/> Application for TM Registration	<input type="checkbox"/> Including <u>1</u> Specimens
<input type="checkbox"/> Application <u>1</u> sheets, in duplicate	<input type="checkbox"/> File Wrapper Continuation Patent Application	<input type="checkbox"/> Status Request <input type="checkbox"/> Notice of Appeal	<input type="checkbox"/> Petition <input type="checkbox"/> Response
<input type="checkbox"/> PCT Request <u>1</u> sheets, including	<input type="checkbox"/> Transmittal Letter to the US/RO	<input type="checkbox"/> Priority Document	<input type="checkbox"/> Small Entity Declaration
<input type="checkbox"/> Assignment <input checked="" type="checkbox"/> Recordation Cover Sheet	<input type="checkbox"/> Missing Parts	<input checked="" type="checkbox"/> Response to	<input checked="" type="checkbox"/> Copy of PTO form

Standard Register • ZIPSET®

745 FIFTH AVENUE  
NEW YORK, NY 10151

019596

January 28 20 02

4-1-210-428

PAY TO THE  
ORDER OF

**COMMISSIONER OF PATENTS AND TRADEMARKS**

170.00

THE BANK OF NEW YORK  
575 MADISON AVENUE  
NEW YORK, NY 10022

CHARGE ANY ADDL FEES TO DEPOSIT ACCT. #50-0320

FROMMER LAWRENCE & HAUG LLP

Frank B.

#019596# 1:021000018: #6301147455#

**FROMMER LAWRENCE & HAUG LLP**

**DETACH AND RETAIN THIS STATEMENT**

THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.  
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

**APPLICANT**

IF NOT CORRECT PLEASE NOTIFY  
Davis & Toney  
1014 334

SERIAL NO.

10/016, 724

FL &amp; H DOCKET NO

930007-200

TITRE

End Portion for a Flexible Fluid Containment Vessel...

- ☐ APPEAL BRIEF
- ☐ APPEAL FEE
- ☐ CERTIFICATE OF CORRECTION
- ☐ DISCLAIMER
- ☐ EXTENSION OF TIME
- ☐ FEE FOR ADDED CLAIMS
- ☐ FILING FEE
- ☐ ISSUE FEE
- ☐ MAINTENANCE FEE
- ☒ MISSING PARTS
- ☐ NOTICE OF OPPOSITION

- ☐ PETITION FEE  
☐ PETITION FOR CANCELLATION  
☐ PETITION TO REVIVE  
☒ RECORDING FEE  
☐ REQUEST FOR ORAL HEARING  
☐ SEC. 8 TM DECLARATION FEE  
☐ STATEMENT OF USE  
☐ TM RENEWAL

PLEASE CHARGE ANY ADDITIONAL FEES OR CREDIT OVER PAYMENT TO DEPOSIT ACCOUNT NO. 50-0320

CHARGE TO		AMOUNT	
NAME OF CLIENT OR ACCOUNT	FILE NO.	ATTORNEY	AMOUNT

900 7

FROMMER LAWRENCE & HAUG

03/29/2002 12:18 FAX 2125880800

PATENT  
930007-2001**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

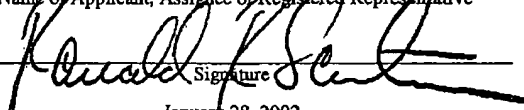
Applicant(s) : Trent W. Davis and Mary M. Toney  
Serial No. : 10/016,724  
For : END PORTION FOR A FLEXIBLE FLUID  
CONTAINMENT VESSEL AND A METHOD OF  
MAKING THE SAME  
Filed : October 30, 2001  
Examiner : Not Yet Assigned  
Art Unit : 3727

745 Fifth Avenue  
New York, NY 10151

I hereby certify that this correspondence is being deposited with  
the United States Postal Service as first class mail in an envelope  
addressed to: Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231, on January 28, 2002.

Ronald R. Santucci, Reg. No. 28,988

Name of Applicant, Assignee or Registered Representative



January 28, 2002

Date of Signature

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF NONPROVISIONAL APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Box Missing Parts

Dear Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application, mailed  
January 17, 2002 for the above referenced provisional patent application, Applicants enclose the  
following:

PATENT  
930007-2001

- 1.) A copy of the Notice to File Missing Parts of Nonprovisional Application;
- 2.) An executed declaration for this application;
- 3.) An assignment with cover sheet for this application;
- 4.) Three (3) substitute drawing sheets for Figure 1 through Figure 4; and
- 5.) A check for \$170 which includes the \$130 surcharge for the late filing of the declaration (large entity) and the \$40 surcharge for recordation of the assignment document.

The Commissioner is authorized to charge any additional fees that may be required to Deposit Account No. 50-0320.

Respectfully submitted,  
FROMMER LAWRENCE & HAUG LLP

By: 

Ronald R. Santucci  
Reg. No. 28,988  
(212) 588-0800





## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

MAR 29 2002

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/016,724	10/30/2001	Trent W. Davis	930007-2001

20999  
FROMMER LAWRENCE & HAUG  
745 FIFTH AVENUE- 10TH FL.  
NEW YORK, NY 10151

CONFIRMATION NO. 4458

## FORMALITIES LETTER



\*OC000000007324178\*

Date Mailed: 01/17/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

03/29/2002 12:30 FAX 2125880800

FROMMER LAWRENCE & HAUG

010

Page 2 of 2

PART 2 - COPY TO BE RETURNED WITH RESPONSE

FLH Docket No. 930007-2001

**DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**

(Under 37 CFR § 1.63; includes reference to PCT International Applications)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention ENTITLED:

**END PORTION FOR A FLEXIBLE FLUID CONTAINMENT VESSEL  
AND A METHOD OF MAKING THE SAME**

the specification of which:

- ☐ is attached hereto  
☒ was filed on October 30, 2001 as:  
☒ United States Application Serial No. 10/016,724  
☐ as a National Phase or Continuation or Continuation-in-Part or Divisional of  
PCT Application No. \_\_\_\_\_, filed  
and designating the U.S., and published as \_\_\_\_\_ on  
☐ with amendments through \_\_\_\_\_ (if applicable, give details).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United State of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT International applications designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

Prior Foreign/PCT Application(s) [list additional applications on separate page]:

<u>Country (or PCT)</u>	<u>Application Number:</u>	<u>Filed (Day/Month/Year)</u>	Priority Claimed:	
			<u>Yes</u>	<u>No</u>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States application listed below:

\_\_\_\_\_  
(Application Number) (Filing Date)

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

FLH Docket No. 930007-2001

Prior U.S. (or U.S.-designating PCT) Application(s) [list additional applications on separate page]:

U.S. Serial No.: Filed (Day/Month/Year) PCT Application No. Status (patented, pending, abandoned)

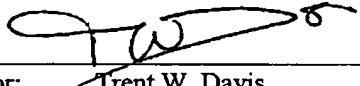
I hereby appoint Ronald R. Santucci, Registration No. 28,988, and Frommer Lawrence & Haug LLP, or their duly appointed associate, my attorneys, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to file continuation and divisional applications thereof, to receive the Patent, and to transact all business in the Patent and Trademark Office and in the Courts in connection therewith, and to insert the Serial Number of the application in the space provided above, and specify that all communications about the application are to be directed to the following correspondence address:

Ronald R. Santucci, Esq.  
c/o FROMMER LAWRENCE & HAUG LLP  
745 Fifth Avenue  
New York, NY 10151

Direct all telephone calls to: (212) 588-0800  
to the attention of: Ronald R. Santucci

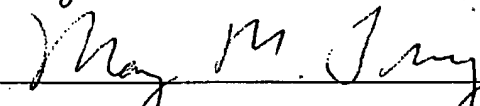
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR(S):

Signature:   
Full name of sole or first inventor: Trent W. Davis  
Residence: 171 Fruit St.  
Mansfield, MA 02048

Date: Dec 7, 2001

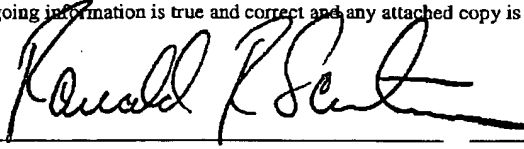
Citizenship: England

Signature:   
Full name of 2nd joint inventor (if any): Mary M. Toney  
Residence: 65 Laurie Lane  
Wrentham, MA 02093

Date: Dec 7, 2001

Citizenship: US

FLH Ref. No.: 930007-2001

FORM PTO-1595 (Rev. 6-93)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies)  <b>Trent W. Davis, Mary M. Toney</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies)  Name: <b>Albany International Corp.</b> Internal Address:  Street Address: <b>1373 Broadway</b>  City: <b>Albany State: New York Zip: 12204</b>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: <b>December 7, 2001</b>			4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s) <b>10/016,724</b> B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <b>Ronald R. Santucci</b> Internal Address: <b>Frommer Lawrence &amp; Haug LLP</b>  Street Address: <b>745 Fifth Avenue</b>  City: <b>New York State: New York Zip: 10151</b>			6. Total number of applications and patents involved ..... <b>1</b>  7. Total fee (37 CFR 3.41) ..... \$ <b>40</b> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #50-0320  8. Deposit account number: <b>50-0320</b> (Attach duplicate copy of this page if paying by deposit account)		
Do not use this space					
9. <u>Statement and signature</u> To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.					
<b>Ronald R. Santucci, Reg. No. 28,988</b>				<b>01/28/02</b>	
Name of Person Signing		Signature		Total number of pages including cover sheet, attachments, and document): 2	
Do not detach this portion					
Mail documents to be recorded with required cover sheet information to:  Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231					
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.					

Document2

930007-2001

INVENTION/PATENT APPLICATION ASSIGNMENT  
FROM INVENTOR(S) TO COMPANY

WHEREAS WE **Trent W. Davis and Mary M. Toney**, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled: **END PORTION FOR A FLEXIBLE FLUID CONTAINMENT VESSEL AND A METHOD OF MAKING THE SAME**, for which an application for United States Letters Patent was filed on October 30, 2001, and identified by United States Serial No. 10/016,724 ;

AND WHEREAS, **Albany International Corp.** a corporation of the State of **Delaware** and having an address of **1373 Broadway Albany, New York 12204**, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

Dec 7 2001

Signature

TW

Date

Dec 7 2001

Signature

Mary M. Toney

STATE OF Massachusetts  
 COUNTY OF Bristol SS:

On this day of 7th of Dec., 2001, before me a Notary Public, personally appeared Trent W. Davis & Mary M. Toney to me known and known to me to be the individuals named in and who executed the foregoing instrument, and they being by me first duly sworn, did acknowledge that they executed the same as his own free act and deed and as and for the purposes therein set forth.

SEAL

NOTARY PUBLIC

Marla E. Flanagan

Marla E. Flanagan  
 NOTARY PUBLIC  
 My commission expires May 31, 2007

00032737

FIG. 1  
PRIOR ART

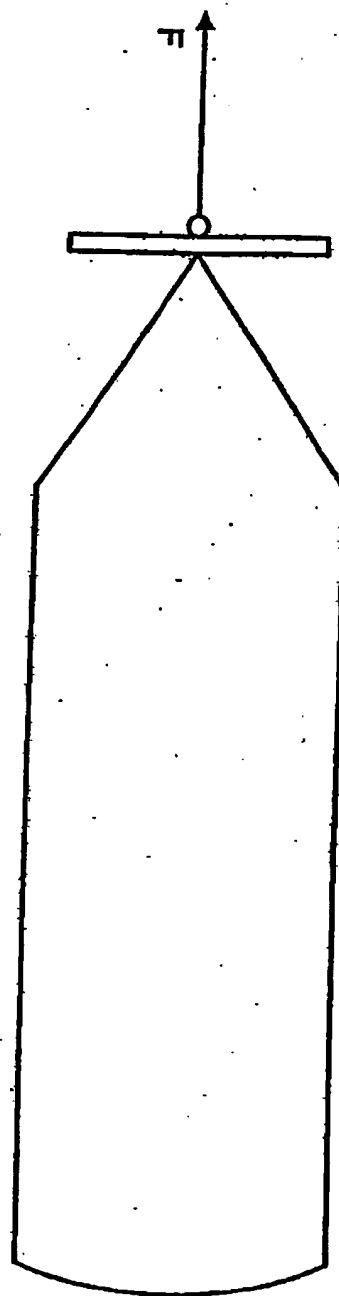
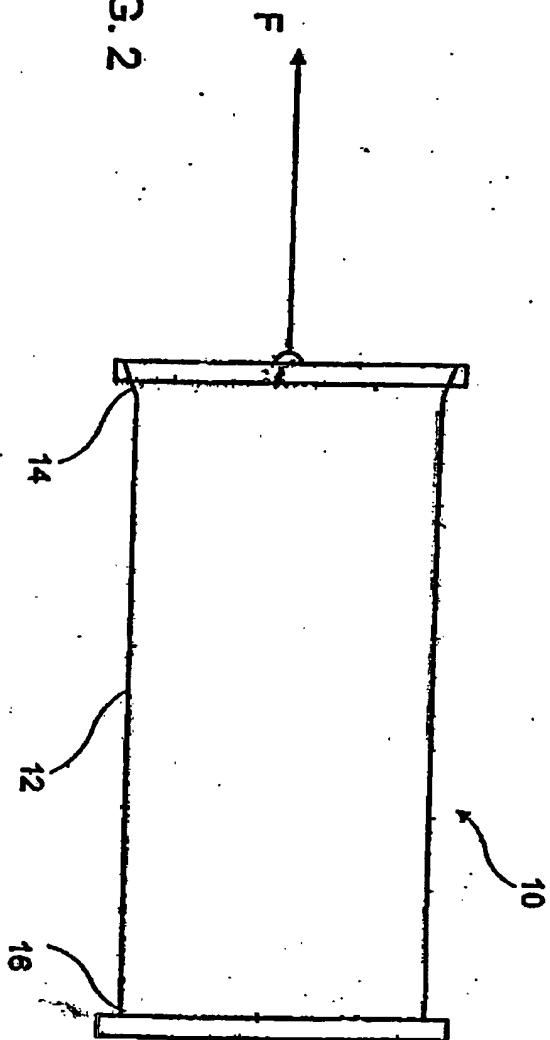
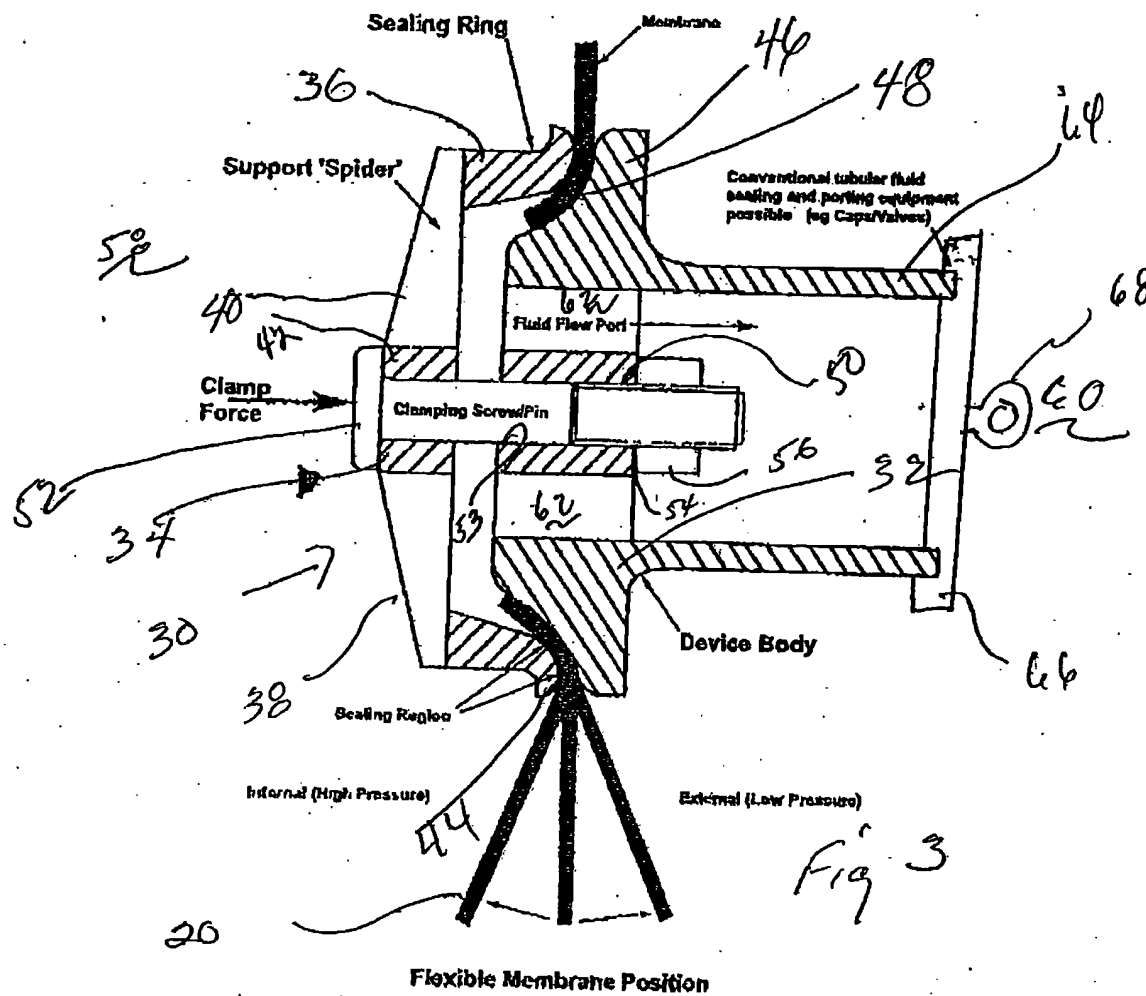


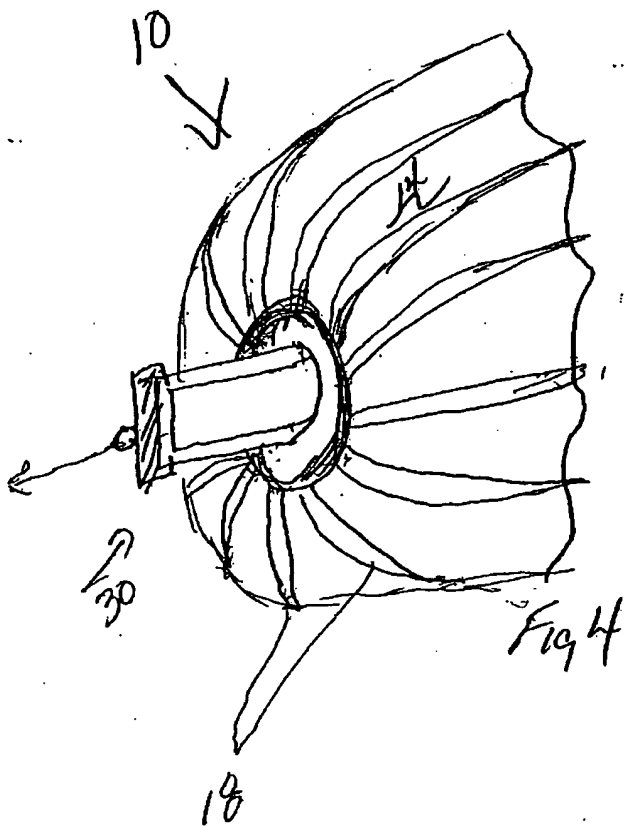
FIG. 2



Closure Device X-section (fig 1)







FROMMER LAWRENCE & HAUG LLP  
745 FIFTH AVENUE  
NEW YORK, NEW YORK 10151

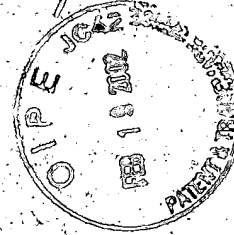
4300111

Commissioner for Patents and Trademarks  
Washington, D.C. 20231

*Gay Messing, Partner*

RECEIVED  
FEB 19 2002  
USPTO MAIL CENTER

COPY OF PAPERS  
ORIGINALLY FILED



10-06-724